

# INTERNATIONAL SEARCH REPORT

International Application No  
F... JS2004/003323

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B05B1/04 B05B1/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 579 286 A (STOUDT GEORGE W) 1 April 1986 (1986-04-01) cited in the application abstract; figure 2	1-3, 15, 16
A	US 4 346 849 A (ROOD ALVIN A) 31 August 1982 (1982-08-31) abstract; figure 1	1, 6, 12, 15
A	US 6 261 367 B1 (DONGES WILLIAM E) 17 July 2001 (2001-07-17) abstract; figure 2b	1, 6, 12, 15

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

19 July 2004

Date of mailing of the international search report

27/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Eberwein, M

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
F... US2004/003323

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4579286	A	01-04-1986	CA	1246122 A1	06-12-1988
			DE	3470667 D1	01-06-1988
			EP	0136132 A2	03-04-1985
			JP	1860827 C	27-07-1994
			JP	5071304 B	06-10-1993
			JP	60090060 A	21-05-1985
US 4346849	A	31-08-1982	CA	1096908 A1	03-03-1981
			DE	2732314 A1	26-01-1978
			FR	2358930 A1	17-02-1978
			GB	1557739 A	12-12-1979
			GB	1557740 A	12-12-1979
			JP	1386803 C	14-07-1987
			JP	53012509 A	04-02-1978
			JP	61050655 B	05-11-1986
US 6261367	B1	17-07-2001	AU	4826700 A	21-11-2000
			WO	0067916 A1	16-11-2000